

# DO NOT FAIL TO VISIT THE WHITE CREST FLOUR BOOTH

AT THE PURE FOOD SHOW AND REGISTER FOR THE BEAUTIFUL PRIZES TO BE GIVEN AWAY

## Saturday Night at 8:30 O'clock

### LOWER HAULING COSTS.

Improved Roads Effect Gross Saving of \$627,409 in Eight Counties.

Improvement of roads in eight selected counties in different sections of the United States resulted, in the aggregate, in a total gross annual saving in hauling costs of \$627,409, according to recent economic studies made by the office of public roads and rural engineering of the department. The cost of haulage for the group of counties is lower since the roads were improved, it was found, even when charges are made in the comparative computations for interest on bonds and annual maintenance costs. The results of the studies, which extended from 1909 to 1915, and which included other effects of improved highways than those on traffic, are shown in Department Bulletin 393, recently published.

The eight counties in which the studies were made are Spottsylvania,

Dinwiddie, Lee and Wise counties, Virginia; Franklin county, New York; Dallas county, Alabama; Lauderdale county, Mississippi, and Manatee county, Florida. These counties were selected because they had just issued bonds for road improvement when it was decided to make the studies, and it would therefore be possible to cover the road improvements from outset to completion.

The average gross annual saving in hauling costs due to the road improvements in these eight counties was found to be 17.9 cents per ton mile, while the net saving was found to be 11.6 cents. The investigators point out in the bulletin that an actual cash saving to the amount indicated was not effected, but that this is the indicated saving when the time of workers and use of draft animals and equipment are given cash values at the rates prevailing in the several communities.

### Effects by Counties.

In Spottsylvania county, Virginia, a

bond issue of \$173,000 was provided and 76 miles of road were improved. The average loads hauled in a two-horse wagon increased materially after the roads were improved, and ton mile costs dropped from 30 cents to 13.7 cents. This meant a gross ton mile saving of 16.3 cents, or a net ton mile saving, when charges were made for interest on the bonds and maintenance of roads, of 14.9 cents. The gross total annual saving in the county is, therefore, approximately \$150,000; and when deductions are made for interest and maintenance costs the annual indicated net saving is \$130,670.

In Dinwiddie county, Virginia, a bond issue of \$105,000 was provided, and the state contributed in addition nearly \$40,000 worth of convict labor. The improved road mileage at the completion of the study was 101 miles. Average loads for a two horse wagon increased from about two thousand pounds to 3,200 pounds, and ton mile costs decreased from 30 cents to 15 cents. The net ton mile saving is 13.7 cents, and the indicated gross saving for the county is \$124,970.

In Lee county, Virginia, a fund of \$364,000 was provided by bonds and the state contributed labor worth more than \$21,000. Ninety-nine miles of road were improved. Average loads increased from 1,500 to 4,000 pounds and ton mile costs were reduced from 40 to 20 cents, with a net ton mile saving of 10.6 cents. The gross annual saving for the county was \$59,100.

In Franklin county, New York, bonds to the amount of \$500,000 were issued, and 125 miles of road were improved. Average loads increased from about 2,400 pounds to 5,557 pounds. Ton mile costs dropped from 30.3 to 9.6 cents, and the net ton mile saving was 11.7 cents. The gross annual saving in the county for hauling charges has been approximately \$50,000 since the roads were improved.

In Dallas county, Alabama, \$366,977 secured from the bond issue was used to improve 101 miles of road. Average loads increased from 1,500 pounds to 2,500 pounds, and ton mile hauling costs fell from 30 to 15 cents. The net ton mile saving was 19.9 cents. It is estimated that the county saves annually \$90,000 gross in hauling costs as a result of the road improvement.

In Lauderdale county, Mississippi, \$500,000 worth of bonds were issued and 96 miles of road improved. Average loads increased from 1,500 pounds to 2,500 pounds and hauling costs dropped from 37 to 20 cents per ton mile. This brought about a net saving of 3.9 cents per ton mile when all annual charges against the road improvements were considered. The annual gross saving to the county is approximately \$43,400.

In Manatee county, Florida, \$252,500 obtained from a bond issue improved 63 miles of road. Average loads increased from 1,500 pounds to 4,800 pounds, which resulted in a reduction of ton mile hauling costs from 45 cents to 20 cents. The net saving per ton mile since the roads have been improved is 12½ cents. It is estimated the county saves annually in gross hauling costs \$32,573.

In Wise county, Virginia, \$1,031,578.54 was provided for road work by bond issues, state contributions and in other ways. From this fund 83 miles of road have been surfaced and 66 miles graded. Average loads have increased from 1,500 to 2,500 pounds and ton mile hauling costs have been reduced from 57 cents to 23 cents. The gross saving to the county, when hauling costs alone are considered, is approximately \$68,000 a year.

### LADIES' SPORT COATS.

The most complete line in Brazos county can be found here at our store. Let us show you something up to date. The Globe Dry Goods Co. 72

Just ring 430 and you can have a Singer sewing machine in your home in a short time. T. A. Satterwhite, 11



### "S-O-M-E Doughnut!"

"Any time you want real goodies use Calumet Baking Powder! My mother uses it—she's tried all others—she's learned her lesson—now she sticks to Calumet. 'Unequalled for making tender, wholesome, light bakings. Wonderful leavening and raising qualities—uniform results. Mother says Calumet is the most economical to buy—most economical to use. Try it at once. Received Highest Awards New Gold Medal For Superior Quality'—For 50 Years in Food Cans"



Cheap and big can Baking Powders do not save you money. Calumet does—it's pure and far superior to sour milk and soda.

Don't Fail to Visit our  
Booth at the Pure  
Food Show  
**REID BROS.**

## PRESIDENT GREETED EMPEROR OF JAPAN

New Wireless Plant Brings Countries Nearer—Messages Were Flashed Wednesday.

(By Associated Press.) San Francisco, Cal., Nov. 16.—Regular Honolulu-Japan commercial service was inaugurated Wednesday by the Marconi Wireless Telegraph Company with messages sent by President Wilson and other prominent men from Bolinas Ridge, near here, via Honolulu, to the emperor of Japan and other dignitaries in that country.

President Wilson's message read: "To His Imperial Majesty, the Emperor of Japan, at Tokio: 'The government and the people of the United States of America send greetings to your imperial majesty and to the people of Japan and rejoice in this triumph of science which enables the voice of America from the far West to cross the silent spaces of the world and speak to Japan in the far East, hailing the advent of a new day. May this wonderful event confirm the unbroken friendship of our two nations and give assurance of a never ending interchange of messages of good will. May the day soon come when the voice of peace, carried by these silent messengers, shall go into all the world and the words to the end of the world.'

"WOODROW WILSON." The first message received from

Japan was from Jiro Tanaka, director general of Japanese posts and telegraphs, to Marconi in London. It read:

"Accept my best thanks for your telegram conveying greetings for the opening of the public service, which is heartily reciprocated."

Similar telegrams were sent by Tanaka to J. W. Griggs and other officials of the Marconi company. Tokio said that the emperor was out of the city, but efforts were being made to reach him.

### CUT PRICE SALE OF BETTY WALES DRESSES.

All this week I am going to give the ladies of Bryan and College the advantage of a cut-price sale of my Betty Wales afternoon and street dresses in silk, satin and serge. The low price will be sure to please you and the dresses will please you more. 265 MISS GRACE H. BOWMAN.

### FOR SALE.

Three separate improved farms at real bargains.

100 acres, \$22.00.  
140 acres, \$22.00.  
150 acres, \$27.50.

Extra well improved. See Charles Palermo. Telephone 586. d271

**CHICHESTER'S PILLS**  
THE DIAMOND BRAND  
Radical Ask your Druggist for Chichester's Diamond Brand Pills in Red and Gold metal case, sealed with Blue Ribbon. Take no other. Buy of your Druggist. Ask for CHICHESTER'S DIAMOND BRAND PILLS, for 30 years a success in Great Britain, Always Reliable. SOLD BY DRUGGISTS EVERYWHERE



FRANCES X. BUSHMAN COMING SOON, WATCH FOR ANNOUNCEMENT



Here is the latest household convenience,  
"THE CHESTEROBE"

Is attachable to any bedstead, either wooden, iron or brass. Where houserom is at a premium the CHESTEROBE furnishes a storage for last seasons clothes, blankets and other woolen goods free from moths. Made of red cedar and highly polished. A perfect fitting drawer, easy to slide in and out from either side. See one on exhibition at our store.

**E. F. PARKS**  
and Company

# Cottolene

"The Natural Shortening"

## Cake of excellling quality

Just as Cottolene adds to the lightness and delicacy of biscuits and pastry, so does it meet the requirements for cakes of all kinds. You will appreciate the superior "creaming" quality of Cottolene.

Use Cottolene for all your shortening; learn how very good it is in cake-making; use it also for frying; realize the tempting, wholesome quality it gives to foods.

Cottolene is put in pails of various sizes for your convenience. Arrange with your grocer for a regular supply.

THE H. K. FAIRBANK COMPANY

"Cottolene makes good cooking better"



### Almond Cream Cake

Cream ½ cup of butter and Cottolene packed together, add one cup of sugar, and mix in alternately ½ cup of milk or water and two cups of pastry flour sifted three times with two teaspoons baking powder. Beat well, flavor and add five stiffly beaten whites. Bake in two layers.

Whipsweetened cream until stiff; flavor with almond extract and sherry; add chopped blanched almonds and spread between and over the layers. Garnish with cherries.

From "HOME HELPS" mailed free if you write our General Offices, Chicago